

Commonwealth of Kentucky
Division for Air Quality
EXECUTIVE SUMMARY

PROPOSED

Title V / Synthetic Minor, Operating
Permit: V-08-010

Weyerhaeuser East Kentucky Plant
Chavies, KY 41727

December 1, 2008

Lisa Beckham, Reviewer

SOURCE ID:	21-193-00097
AGENCY INTEREST:	3457
ACTIVITY:	APE20080001

SOURCE DESCRIPTION:

On January 4, 2008 Weyerhaeuser submitted an application for a renewal permit for the Weyerhaeuser East Kentucky Plant in Chavies, Kentucky. Additional information was received on February 27, 2008, July 15, 2008, and August 13, 2008. The application was considered complete on August 18, 2008.

The Weyerhaeuser East Kentucky Plant produces Laminated Strand Lumber (LSL) using whole hardwood logs. In the LSL manufacturing process, the logs are debarked, cut to length, and processed into thin, long strands. The strands are then dried, coated with polyurethane MDI resin and emulsified wax, and formed into rough billets. The billets are pressed to a size approximately 8-ft wide by 48-ft long with various thicknesses in a steam injection press heated with thermal oil. The billets are then rough-sanded and dimensioned and prepared for shipment. LSL is used as a stable lumber “core” material for the window and door industry and as high-grade structural lumber for residential construction.

With the renewal permit, the Boiler MACT (40 CFR 63 Subpart DDDDD) requirements for EU 01 have been removed due to the vacature of the Boiler MACT by the U.S Court of Appeals on July 30, 2007. The PCWP MACT (40 CFR 63 Subpart DDDD) requirements for EU 02 have been incorporated into the permit, including operating limits set based on initial compliance demonstration results. The equipment associated with the I-Joist department of the facility has been removed from the permit, as the equipment has been shutdown and the process is no longer in operation (except for one remaining bundle saw, EU 22). Weyerhaeuser also requested that the 1,000 lb/wk limit of burning oil-soaked rags in EU 01 be increased to 2,000 lb/wk and be changed to allow the use of other absorbents (e.g. mulch and sawdust) to soak up oil spills. Based on the MSDS provided by Weyerhaeuser of the oils being cleaned up, the Division concurs with the increase in the amount of oil-soaked absorbents burned.

PUBLIC AND AFFECTED STATE REVIEW:

Affected states (Virginia) were notified of the issuance of the draft permit on October 10, 2008 via e-mail. On October 22, 2008, the public notice on availability of the draft permit and supporting material for comments by persons affected by the plant was published in *The Hazard Herald* in Hazard, Kentucky. The public comment period expired 30 days from the date of publication.

No comments were received during this period. The final determination of this Division is that the proposed operation will comply with all air quality regulations and requirements. The permit is now being issued as proposed. A final permit will be issued after the U.S. EPA's 45-day review.